

TENTATIVE SCHEDULE

Each day's class is pretty long so we will find ways of breaking it up so that we do not just discuss readings for the entire time.

Week One

Monday:

- Orientation;
- A local perspective on inquiry and models;
- Models and Inquiry in National Science Education Reform Efforts

Tuesday

- Discussion of reading related to MUSE
- Reports on Analysis of the Benchmarks and Standards
- Work time for textbook analysis

Wednesday

- Discussion of readings on the history of inquiry and science education
- Begin to develop inquiry and model typologies
- Work time for textbook analysis.

Week Two

Monday

- Presentation of textbook analyses
- Discussion of Models (Science Education Literature) Readings
- Group Work on the typologies

Tuesday

- John Jungck (BioQUEST) visit
- Discussion of 3 P's readings

Wednesday

- Continued Discussion of readings related to models in science education

Week Three

Monday

- Individual presentations on proposal for the major class project.
- Discussion of the nature of inquiry in the science education literature
- Group work on typologies

Tuesday

- Discussion of readings on inquiry in science education
- Reshaping of a lesson/lab to engage students in inquiry

Wednesday

- Continue to reshape the lesson/lab
- Reports on the lesson/lab